

Application No. 10/087,107  
Amendment dated March 14, 2007  
Reply to Notice of Allowance dated December 19, 2006

APPROVED FOR  
ENTRY

J. M. M.

4/19/07

**AMENDMENTS TO THE SPECIFICATION:**

Please amend paragraph [0001]:

[0001] This application is a division of Application No. 09/044,487, filed March 19, 1998, which was issued as U.S. Patent No. 6,394,811 on May 28, 2002, which claims the benefit of U. S. Provisional Application No. 60/041,420, filed March 20, 1997, the entire disclosure of which is incorporated herein by reference.

Please amend paragraph [0007]:

[0007] Fig. 1 illustrates the three elements according to the preferred embodiment of the invention;

Fig. 2 is a flowchart illustrating the utilization of the user rules of the computer software according to the preferred embodiment;

Fig. 3 is a flowchart illustrating the application of the rules established according to the Fig. 2 flowchart;

Fig. 4 illustrates the sequence of events for utilization of the invention according to the preferred embodiment;

Fig. 5 is a detailed diagram of the analysis decision tree shown generally as Block 4 of Fig. 2;

Figs. 6-10 illustrate the respective five levels of the interpretive tree, and the various rules selectable by the professional in each level;

~~Fig. 11 represents~~ Figs. 11A and 11B represent the software code in the utilization of the invention, where the user rules are retrieved and applied to the classification;

Fig. 12 is an example of a results report;

Figs. 13-15 are exemplary printed reports in the form of letters that provide detailed descriptions of the patient analysis according to the invention.

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Please amend paragraph [0015]:

[0015] Referring again to Block 4 - Determine Classification Levels – the foregoing illustrates the manner in which this step has been accomplished. The professional would continue at the first level (Block 5). The first level is the first evaluative criteria that the professional has determined will be important in the decision making criteria. This indicates a very ~~hierarchical~~ hierarchical interpretive assistant. The first level in the specific embodiment is the technical minimum requirement for a test to be analyzed to evaluate it.